

— **SOUTHWICK-ON-WEAR** —  
**URBAN DISTRICT COUNCIL.**

---

---

**ANNUAL REPORT**

ON THE  
**HEALTH AND SANITARY CONDITION**  
OF  
**SOUTHWICK-ON-WEAR,**

**JOHN J. CARRUTHERS, M.B.C.M.,**

Fellow of the Incorporated Society of Medical Officers of Health,

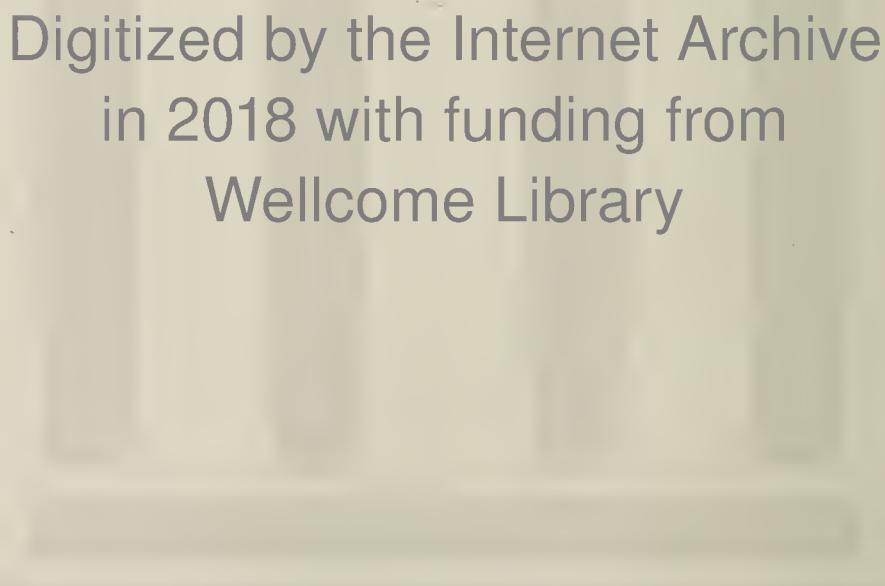
**Medical Officer of Health to the Southwick-on-Wear  
Urban District Council.**

**FOR THE YEAR**

**1905**

Southwick-on-Wear :

Printed by INGRAM E. PEACE, Stoney Lane.



Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b30120706>

# ANNUAL REPORT,

## 1905.

---

*To the Chairman and Members of the Southwick-on-Wear  
Urban District Council.*

GENTLEMEN,

I beg to submit to you my Report on the Health and Sanitary Condition of your District for the year 1905.

---

### POPULATION.

It is estimated that the population at the middle of the year was 14,778, and on this number the tables are based.

### BIRTHS.

The number of births registered during the year was 562; which is 8 more than the number for 1904; and is equal to a birth-rate of 38'03 per thousand, per annum.

This is a decrease of 1·17 per thousand compared with the birth-rate for 1904. The males numbered 272, and the females 290.

Table showing Birth-rates for the past Ten Years.

Year.	Males.	Females	Total.	Birth-rate per 1000
1896	225	222	447	38·7
1897	244	202	446	37·7
1898	269	219	488	40·5
1899	252	260	512	41·9
1900	274	248	522	41·7
1901	246	264	510	40·1
1902	279	242	521	40·1
1903	265	260	525	39·5
1904	272	282	554	39·2
1905	272	290	562	38·03

Average birth-rate for the past ten years 39·7.

## DEATHS.

The number of deaths registered in the district during the year was 251. This is equal to a death-rate of 16·9 per thousand, per annum. In public institutions and other places outside the district 24 deaths occurred among persons belonging to the district, and this brings the total number of deaths up to 275. The males numbered 136, and the females 139. The total death-rate is therefore 18·6 per thousand. The number of deaths is 56 less than the number for 1904, and the death-rate is lower by 4·8 per thousand. The death-rate in the Administrative County of Durham was 17·4.

The following table shows the monthly death-rates for 1905

Month.	M.	F.	Death Rate.	Month.	M.	F.	Death Rate.
January ...	13	16	23.1	July.....	14	67	72
February	7	10	14.9	August ...	11	11	19.9
March.....	9	13	17.5	September	13	22	26.2
April .....	11	10	17.2	October ...	11	11	19.7
May.....	12	13	19.9	November	11	8	15.1
June .....	15	10	19.9	December	9	11	18.1
	67	72		Total	136	139	11.1
							18.6

Table shewing Death-rates for the past Ten Years.

Year.	Deaths.	Rate.
1896	225	19.2
1897	225	19.06
1898	323	26.8
1899	257	21.04
1900	283	22.6
1901	285	22.4
1902	222	17.09
1903	243	18.3
1904	331	23.4
1905	275	18.6

Average death-rate for the past ten years :—20.8.

#### OLD AGE MORTALITY.

The old age mortality—the number of deaths of persons over the age of 65—was 38 which is 11 less than the number for 1904.

Table showing Old Age Mortality during the past 10 years.

Age over 65 years.

Year.	No. of Deaths.	Rate per 1000.
1896.....	24.....	2·
1897.....	23.....	1·9
1898.....	29.....	2·3
1899.....	26.....	2·09
1900.....	30.....	2·3
1901.....	28.....	2·2
1902.....	26.....	2·
1903.....	24.....	1·8
1904.....	49.....	3·4
1905.....	38.....	2·5

Average Old Age Mortality for the past 10 years 2·2.

ADULT MORTALITY.

The adult mortality—that is the number of deaths of persons between the ages of 5 and 65 years—was 90 which is 4 more than the number for 1904.

Table shewing Adult Mortality during the past 10 years.

Ages between 5 and 65 years.

Year.	No. of Deaths.	Rate per 1000.
1896.....	72.....	6·2
1897.....	84.....	7·1
1898.....	78.....	6·4
1899.....	86.....	6·9
1900.....	97.....	7·6
1901.....	105.....	8·2
1902.....	76.....	5·8
1903.....	76.....	5·7
1904.....	86.....	6·09
1905.....	90.....	6·08

Average Adult Mortality for the past 10 years 6·5.

## CHILDHOOD MORTALITY.

The childhood mortality—that is the number of deaths of children between the ages of 1 year and 5 years—was 51, which is 33 less than the number for 1904, and is equal to a death-rate of 3·4 per thousand.

Table shewing Childhood Mortality for the last Ten Years.

Ages between 1 and 5 years.

Year.	No. of Deaths.	Rate per 1000.
1896.....	40.....	3·4
1897.....	42.....	3·5
1898.....	93.....	7·7
1899.....	38.....	3·1
1900.....	57.....	4·5
1901.....	41.....	3·2
1902.....	46.....	3·5
1903.....	43.....	3·2
1904.....	84.....	5·9
1905.....	51.....	3·4

Average childhood mortality for the past ten years, 4·1.

## MORTALITY AMONG INFANTS.

The number of deaths of infants under 1 year of age was 96, which is 16 less than the number for 1904, and is equal to a death-rate of 6·4 per thousand.

Table shewing Mortality among Infants under 1 year of age during the past 10 years.

Year.	No. of Deaths.	Rate per 1000.
1896.....	86.....	7·4
1897.....	76.....	6·4
1898.....	108.....	8·9
1899.....	103.....	8·4
1900.....	85.....	6·8
1901.....	111.....	8·7
1902.....	74.....	5·7
1903.....	100.....	7·5
1904.....	112.....	7·9
1905.....	96.....	6·4

Average Mortality among Infants for the past 10 years 7·4.

### INFANTILE MORTALITY.

The 96 deaths of infants under 1 year of age is equal to an infantile mortality of 170 per thousand births. This is a decrease of 32 per thousand as compared with the number for 1904.

Table shewing Infantile Mortality during the past 10 years.

1896.....	192	per 1,000 births.
1897.....	170	" "
1898.....	221	" "
1899.....	201	" ,
1900.....	162	" "
1901.....	217	" "
1902.....	142	" "
1903.....	190	" "
1904.....	202	" "
1905.....	170	" "

Average Infantile Mortality for the past 10 years 186.

The number of deaths registered in the four quarters of the year was as follows:—

	Under 5 years.	Over 5 years.	Total.	Death Rate.
1st quarter .....	31 .....	37 .....	68 .....	18.6
2nd „ .....	36 .....	34 .....	70 .....	18.9
3rd „ .....	54 .....	28 .....	82 .....	21.9
4th „ .....	26 .....	29 .....	55 .....	14.7

In the following table is recorded the quarterly death-rates and the annual death-rates for the past 10 years:—

YEARS.	1ST QUARTER		2ND QUARTER		3RD QUARTER		4TH QUARTER		WHOLE YEAR	
	Deaths	Death Rate	Deaths	Death Rate						
1896	50	17.3	63	21.8	59	20.4	50	17.3	222	19.2
1897	53	17.9	60	20.3	66	22.3	46	15.5	225	19.06
1898	54	17.9	77	25.6	102	33.9	75	24.9	308	25.6
1899	49	15.7	39	12.9	93	30.4	72	23.5	257	21.04
1900	72	23.	65	20.8	59	18.8	87	27.5	283	22.6
1901	75	23.6	59	18.5	99	31.1	52	16.3	285	22.4
1902	46	14.3	68	21.	49	14.9	59	18.02	222	17.09
1903	50	15.2	60	18.1	61	18.2	72	21.5	243	18.3
1904	80	22.7	69	19.6	96	27.05	86	24.2	331	23.4
1905	68	18.6	70	18.9	82	21.9	55	14.7	275	18.6

## ZYMOTIC DISEASES.

The number of cases of infectious diseases notified was 33 which is 66 less than the number for 1904. They are classified as follows :—

	1st Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Total.
Smallpox .....	...	...	...	...	...
Scarlet Fever ...	1	1	1	2	5
Enteric Fever ...	1	4	7	4	16
Continued Fever	...	...	...	...	...
Erysipelas .....	2	...	...	3	5
Diphtheria and Croup.....	2	3	1	1	7
 Total.....	6	8	9	10	33

32 tenements were involved in the 33 cases.

Table showing the number of notifications yearly for the past 10 years

DISEASE.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
Smallpox .....	...	...	...	...	...	...	...	1	...	...
Scarlet Fever .....	10	48	63	65	37	86	45	64	67	5
Enteric Fever .....	7	18	60	41	23	27	17	15	23	16
Continued Fever .....	...	4	3	3	3	...	...	1	...	...
Typhus Fever .....	...	...	...	...	...	...	...	...	...	...
Diphtheria .....	1	2	...	8	2	9	7	2	6	7
Puerperal Fever.....	...	2	...	...	...	...	1	...	...	...
Erysipelas .....	...	...	...	5	2	2	...	4	3	5

## ZYMOTIC MORTALITY.

The number of deaths from zymotic diseases during the year is as follows:—

DISEASE.	Deaths in 1905.
Smallpox.....	—
Measles .....	17
Scarlet Fever.....	—
Diphtheria and Croup.....	3
Whooping Cough .....	12
Typhus Fever .....	—
Enteric Fever .....	5
Continued Fever .....	—
Puerperal Fever .....	—
Diarrhoea .....	22
Enteritis .....	5
<hr/>	
Total.....	64

There were 64 deaths from zymotic diseases during the year. This is 15 less than the number for 1904, and is equal to a zymotic death-rate of 4.3 per thousand as compared with 5.5 for the previous year. The average zymotic death-rate for the past ten years was 3.9. The zymotic death-rate in the administrative County of Durham for 1904 was 2.37.

Table shewing the number of deaths yearly from zymotic diseases during the past ten years.

Disease.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
Smallpox.....	...	...	...	...	...	...	...	...	...	...
Measles .....	9	7	29	1	16	...	7	3	26	17
Scarlet Fever .....	2	4	6	3	...	1	2	1	1	...
Diphtheria and Croup .....	...	...	4	...	...	3	2	1	...	3
Whooping Cough.....	9	6	15	2	5	4	7	4	6	12
Enteric Fever .....	1	1	6	3	4	2	3	...	4	5
Continued Fever .....	...	...	...	1	...	...	...	...	...	...
Typhus Fever .....	...	...	...	...	...	...	...	...	...	...
Puerperal Fever .....	...	...	...	...	...	...	1	...	...	...
Diarrhoea .....	7	9	17	19	12	21	8	15	42	22
Enteritis.....	...	...	32	23	10	15	5	3	...	5
Total zymotic deaths .....	28	27	105	55	48	46	35	27	79	64
Deaths from other causes...	194	198	203	202	235	239	187	216	252	211
Total.....	222	225	308	257	283	285	222	243	331	275

Table shewing the annual death-rates from zymotic and general causes for the past ten years.

Disease.	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905
Smallpox.....	...	...	...	...	...	...	...	...	...	...
Measles .....	77	59	2.39	08	1.28	...	53	22	1.84	1.15
Scarlet Fever .....	17	33	.49	.24	...	.08	.15	.07	.07	...
Diphtheria and Croup .....	...	...	...	32	...	.23	.15	.07	...	.2
Whooping Cough.....	77	5	1.23	.16	.39	.31	.53	.3	.42	.81
Enteric Fever .....	08	.08	.49	.24	.08	.15	.23	...	.28	.33
Continued Fever .....	...	...	...	...	.31	...	...	...	...	...
Typhus Fever .....	...	...	...	...	...	...	...	...	...	...
Puerperal Fever .....	...	...	...	...	...	...	.07	...	...	...
Diarrhoea .....	6	76	1.40	1.53	.96	1.65	.61	1.13	2.97	1.48
Enteritis .....	...	...	2.64	1.85	.79	1.18	.38	.22	...	.33
Zymotic rate. ....	2.42	2.28	8.6	4.43	3.8	3.6	2.69	2.03	5.5	4.3
Rate from other causes .....	16.7	16.7	16.7	15.98	18.8	18.8	14.4	16.27	17.9	14.3
General death-rate.....	19.2	19.01	25.4	20.4	22.6	22.4	17.09	18.3	23.4	18.6

## DISEASES OF RESPIRATORY ORGANS.

Bronchitis, Pneumonia and other diseases of the Respiratory Organs caused 42 deaths, which is 16 less than for the year 1904. Phthisis caused 27 deaths, which is 4 more than in the previous year, and the number of deaths from Tubercular diseases—other than Phthisis—was 5, which is 3 less than during 1904.

Cancer caused 6 deaths as compared with 8 for 1904. 11 were due to Premature Birth, and 16 to Congenital Debility.

## INQUESTS.

The number of Inquests held during the year was 4 and death was ascribed to the following causes :—

Accidental Injuries.....	2
Suicide by Strangulation	1
Heart Disease .....	1

## POPULATION.

The number of inhabited houses, multiplied by the rate per house, at the last census, gives 14,778 as the population at the middle of the year. The normal increase of the native population has been largely augmented by the influx of families and of individuals to the district owing to the Colliery at Castletown, and to the New Bridge Works at Southwick. Housing accommodation has been greatly taxed to afford room for these incomers.

## BIRTHS.

The birth-rate for the year more than maintains the tendency to decline perceptible for the past few years.

## DEATHS.

The death-rate—18.6—is one of the lowest recorded for many years, and the improvement is noteworthy in all the mortality sections.

	Old Age. Over 65 years.	Adult. Between 5 and 65.	Childhood. Between 1 and 5.	Infantile Under 1 year.
1904	3.4	6.09	5.9	7.9
1905	2.5	6.08	3.4	6.4
Decrease	-.9	-.01	2.5	1.5

Of the total number of deaths in the district 147 or rather more than half were those of children under 5 years of age, 96 being less than one year, and 51 between the ages of 1 and 5 years. The main causes which contributed were:—Bronchitis and Pneumonia which caused 25 deaths, Diarrhoea 26, Measles 16, Whooping Cough 12, Convulsions 19, Debility 16, Premature Birth 11; total 125.

There is reason to think that a large proportion of these deaths might have been prevented.

Improper feeding, want of sunlight, and of ventilation and lack of personal and domestic cleanliness all tend to induce a rickety condition among children, a state of lowered vitality which renders them more susceptible to disease and diminishes the recuperative powers.

Speaking generally there is among mothers much studied ignorance regarding the feeding and clothing and management of children. There is also much carelessness and neglect. The health of children depends very largely on the state of affairs inside the house, the department mainly under the control of the mother. The purity of the air, the state of the walls, passages and floors, the cleanliness of the bed-fittings, bed-clothing, and personal clothing, and the method of storing food all have a vital influence on the inmates. In the house, the space of which is frequently small for the number of the family, the value of sunlight and ventilation is commonly not recognized. When night comes every endeavour is made to exclude fresh air, even the key-hole is blocked up. Thus in an exhausted and polluted atmosphere women and children spend one half of their lives.

In various combinations and degrees the physical essentials of healthy existence are wanting, and it is therefore no wonder that children at the most susceptible period of their lives become victims to diseases such as Diarrhoea, Measles, and Whooping Cough, all of which under such conditions are very fatal.

In such environment healthy motherhood can scarcely be expected; and the large number of Premature Births, and of deaths from Debility among infants may to some extent be accounted for in this way.

#### ENTERIC OR TYPHOID FEVER.

There were 16 cases of Enteric or Typhoid Fever as compared with 23 cases in 1904.

In 6 cases the disease was believed to have its origin in local domestic conditions. One case was imported; and in the other 9 cases no cause was discovered.

### SCARLET FEVER.

Only 5 cases of Scarlet Fever were notified, each separated from the other by long and fairly regular intervals of time. In the previous year 67 cases were notified.

### DIPHTHERIA.

Of the 5 cases of Diphtheria notified, 3 were considered to be due to domestic insanitary surroundings. In the other 2 no cause was apparent.

### MEASLES.

During the Summer there was an epidemic of Measles in the district, and as has been stated in a previous paragraph, Measles is a very fatal disease where the vital condition is lowered through improper feeding, want of ventilation, and lack of personal and domestic cleanliness. Among children more fortunately circumstanced Measles is not so fatal.

### WATER.

Practically the whole of the district is supplied by the Sunderland and South Shields Water Company. The service was satisfactory. The farms, Witherwhack and Thistley Hall have not yet been provided with an efficient supply of good water.

## HOUSE ACCOMMODATION.

The building trade was brisk providing workmen's houses; many of which are fitted with water-closets instead of ash-closets as formerly. The Council have adopted Dr. Quines ash-bin for use in the district where water-closets are provided.

In Waterloo Place four houses condemned as unfit for habitation have been demolished; and four in Stafford Street have been permanently closed. Ten houses in this old quarter have been sanitarily improved.

The whole district was systematically inspected, and in the more congested parts house to house inspections were frequently made.

## COMMON LODGING-HOUSES.

There are no Common Lodging-Houses in the district.

## JOINT ISOLATION HOSPITAL.

The total number of cases removed to the Joint Isolation Hospital from Southwick-on-Wear was 15. Of these 2 were Scarlet Fever, and 13 Enteric Fever.

The 2 cases of Scarlet Fever were equal to 40 per cent. of the total number of Scarlet Fever cases notified; and the 13 cases of Enteric Fever represent 81 per cent. of the Enteric notifications.

## SMALLPOX HOSPITAL.

A site has been obtained at Whiteleas for the North-East Durham Joint Smallpox Hospital. Southwick-on-Wear is one of the districts to be served by this Hospital.

## COWSHEDS AND DAIRIES.

To effect improvements, various suggestions were carried out with the exception of the water supply to Witherwhack already referred to.

## SEWERS.

The Sewers acted satisfactorily. New sewers were laid in Back Julius Cæsar Street, Walter Thomas Street, Park Terrace, and Back Sunderland Road.

## SCAVENGING.

It is pleasing to be able to report that in this department on which the health of the district so much depends there was a great improvement throughout the year. In Low Southwick especially was this apparent. Owing to the aggregation of population in this district constant attention is needed. The Council's own men do this work.

## FACTORY AND WORKSHOPS ACT.

### FACTORIES.

The number of Factories in the district is 17.

Shipbuilding Yards.....	4	Engine Works .....	2
Glass Works.....	2	Joinery Works.....	4
Brickworks .....	1	Printing Works .....	1
Wheelwrights' Works ...	1	Herbal Breweries .....	1
Metal Foundry .....	1		

### WORKSHOPS.

The number of Workshops is 26.

Retail Bakehouses.....	16	Dressmaking Workshops	2
Shoemakers.....	5	Blacksmiths .....	2
Tailors .....	1		

Workplaces.....1

Home Workers .....3

Two are engaged in dressmaking, and one in filemaking. The condition of the home workers' premises was satisfactory.

#### REQUIREMENTS.

1—Replacing open middens by water-closets.

2—A Public Slaughter House.

3—A Refuse Destructor.

4—A Public Mortuary.

A number of tables accompany this Report.

I have the honour to be, Gentlemen,

Your obedient servant,

JOHN J. CARRUTHERS,

*Medical Officer of Health.*

January 26th, 1906.

Streets in which Infectious Cases occurred and  
the Number of Cases in each Street.

	Cases		Cases
Henderson's Yard ...	1	Amy Street .....	1
Cicero Terrace .....	2	Ed. Burdis Street ...	3
Frank Street.....	3	Branston Street .....	1
James Armitage St....	1	Lilburn Place .....	2
Collingwood Street ...	1	Collingwood Terrace	1
Thomas Street South	1	Morgan Street .....	1
William Street .....	1	Cornhill Terrace.....	1
The Green .....	2	Church Street.....	1
Sunderland Road.....	3	Barnett's Buildings	2
The King's Road .....	2		—
Pembroke Street .....	2		Total.....33
Cowell Terrace.....	1		

SOUTHWICK-ON-WEAR URBAN DISTRICT.

*Vital Statistics of whole district during 1905 and previous years.*

Year.	Births.	Total deaths registered in the district.			Nett deaths at all ages belonging to district.					
		Under 1 year of age.		At all ages.						
		Rate per 1,000 births registered.	Number registered.	Rate*						
1895	11,295	448	39.6	80	178	211	18.6	...	211	18.6
1896	11,550	447	38.7	86	192	222	19.2	...	225	19.2
1897	11,800	446	37.7	76	170	225	19.06	...	225	19.06
1898	12,030	488	40.5	108	221	308	25.6	...	323	26.8
1899	12,210	512	41.9	103	201	253	20.7	...	257	21.04
1900	12,490	522	41.7	85	162	269	21.5	...	283	22.6
1901	12,700	510	40.1	111	217	268	21.1	...	285	22.4
1902	12,983	521	40.1	74	142	204	15.7	...	18	222
1903	13,261	525	39.5	98	186	218	16.4	1	25	18.3
1904	14,114	554	39.2	110	198	293	20.7	...	38	331
Averages for years 1895-1904		497	39.9	93	186	247	19.8	...	13	260
1905	14,778	562	38.03	95	169	251	16.9	...	24	275
										18.6

\* Rates in columns 4, 8 and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water) 844.544.

Total population at all ages..... 12,643  
Number of inhabited houses ..... 1,870  
Average number of persons per house 6.7

At Census of 1901.

---

INSTITUTIONS OUTSIDE THE DISTRICT  
RECEIVING SICK AND INFIRM PERSONS  
FROM THE DISTRICT:—

Durham County Asylum, Sedgefield.

Monkwearmouth and Southwick Hospital.

South Shields Rural and Southwick-on-Wear Joint  
Isolation Hospital, Whitburn.

Sunderland Infirmary.

Sunderland Union Workhouse.

The Union Workhouse is not within the district.

TABLE III.  
SOUTHWICK-ON-WEAR URBAN DISTRICT.

Cases of Infectious Diseases notified during the  
Year 1905.

Notifiable Disease.	Cases notified in the whole district.							No. of cases remov'd to hospital	
	At all ages.	At ages—years.							
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and up'ds.		
Smallpox.....	...	...	...	...	...	...	...	...	
Diphtheria ...	5	...	1	3	...	1	...	...	
Membranous Croup ...	2	...	2	...	...	...	...	...	
Erysipelas ...	5	...	...	2	1	1	1	...	
Scarlet Fever	5	...	2	3	...	...	...	2	
Enteric ,,	16	...	...	4	4	8	...	13	
Totals...	33	...	5	12	5	10	1	15	

ISOLATION HOSPITAL.

South Shields Rural and Southwick-on-Wear Joint Isolation Hospital,  
Whitburn, South Shields Rural District.

TABLE IV—Causes of, and ages at, death during year 1905.

Causes of Death.	Deaths in or belonging to whole district at subjoined ages.						65 and upwards.
	All ages.	Under 1 year.	1 & under 5.	5 & under 15.	15 & under 25.	25 & under 65.	
Smallpox .....	...	...	...	...	...	...	...
Measles.....	17	1	15	1	...	...	...
Scarlet Fever .....	...	...	...	...	...	...	...
Whooping-Cough .....	12	5	7	...	...	...	...
Diphtheria and Membranous Croup.....	1	...	1	...	...	...	...
Croup.....	2	...	2	...	...	...	...
Fever { Typhus .....	...	...	...	...	...	...	...
Fever { Enteric .....	5	...	...	...	1	4	...
Fever { Other Continued..	...	...	...	...	...	...	...
Epidemic Influenza .....	2	...	1	...	...	...	1
Cholera .....	...	...	...	...	...	...	...
Plague .....	...	...	...	...	...	...	...
Diarrhoea .....	22	17	4	...	...	1	...
Enteritis .....	5	5	...	...	...	...	...
Puerperal Fever.....	...	...	...	...	...	...	...
Erysipelas .....	...	...	...	...	...	...	...
Other Septic Diseases .....	2	2	...	...	...	...	...
Phthisis.....	27	3	1	4	6	13	...
Other Tubercular Diseases	5	1	1	1	1	1	...
Cancer, Malignant Disease	6	...	...	...	...	4	2
Bronchitis .....	22	9	3	...	...	4	6
Pneumonia .....	19	2	11	...	...	5	1
Pleurisy.....	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs .....	1	1	...	...	...	...	...
Alcoholism Cirrhosis of Liver .....	1	...	...	...	...	1	...
Veneral Disease .....	...	...	...	...	...	...	...
Premature Birth .....	11	11	...	...	...	...	...
Diseases and Accidents of Parturition .....	3	1	...	...	...	2	...
Heart Diseases .....	24	1	...	3	1	15	4
Accidents .....	4	...	...	...	1	3	...
Suicides .....	1	...	...	...	...	1	...
Marasmus and Atrophy .....	2	2	...	...	...	...	...
Convulsions .....	19	17	2	...	...	...	...
Debility .....	16	16	...	...	...	...	...
All other Causes.....	46	2	3	2	1	14	24
All Causes .....	275	96	51	11	11	68	38

STABLE SHewing CASES NOTIFIED DURING THE YEAR.

Chief Vital Statistics for 1905, and their comparison with 1904, and the average of the ten years  
1895-1904.

	Administrative County of Durham.		Southwick-on-Wear.		Mean rates for 10 years 1895-1904.
	1905	1904	Annual rates per 1000 population.	Mean rates for 10 years 1895-1904.	
Birth-rate	34.4	35.6	35.5	38.03	39.2
Death-rate	17.4	18.3	18.1	18.6	23.4
Zymotic death-rate	2.37	2.59	2.24	4.3	5.5
Infant mortality-rate (per 1,000 births)	1.59	1.62	1.65	1.70	2.02
Smallpox	0.002	0.03	0.008	...	1.87
Scarlet fever	0.09	0.16	0.19	...	...
Diphtheria and membranous croup	0.25	0.29	0.17	0.2	0.07
Fever (enteric and continued)	0.20	0.15	0.22	0.33	1.6
Measles	0.48	0.55	0.42	1.15	0.08
Whooping cough	0.42	0.43	0.36	0.81	0.22
Diarrhoea	0.90	0.95	0.84	1.48	0.58
Enteritis, etc.	0.36	0.38	0.59	0.33	0.46
Phthisis	1.00	1.07	1.16	1.82	1.38
Other tubercular diseases	0.74	0.92	0.91	0.33	0.7
Respiratory diseases	3.16	2.92	3.12	2.84	1.69
					3.5

**SUMMARY OF WORK DONE IN THE INSPECTOR OF  
NUISANCES' DEPARTMENT DURING THE YEAR 1905 IN THE  
URBAN DISTRICT OF SOUTHWICK-ON-WEAR.**

		Number of Informal written Notices by Inspector.	Number of Formal Notices by order of Authority.	Number of Nuisances abated after Notice.	General Remarks.
<b>I—PUBLIC HEALTH ACTS.</b>					
Dwelling- houses	Structual Defects... Defective Roof Spouts.....	...	...	5 18	
and Schools.	Defective Roofs ... Defective Sashes... Defective Floors ...	...	...	3 4 2	
Lodging-houses	.....	.....	.....	...	
Dairies and Milkshops	.....	.....	.....	...	
Cowsheds	.....	.....	.....	3	Defective Drainage
Bakchouses	.....	.....	.....	...	
Ash-closets Repaired	.....	.....	.....	12	
Ashpits Replaced by Ash-closets	.....	.....	.....	25	
Ashpits and Privies Repaired ...	.....	.....	.....	11	
Ashpits Replaced by Water- closets .....	.....	.....	.....	10	
Deposits of Refuse and Manure	.....	.....	.....	2	
Galvanised Dust Bins Provided	.....	.....	.....	12	
Wash-houses Provided .....	.....	.....	.....	2	
Defective Yard Paving.....	.....	.....	.....	37	
House Drainage.	Defective Gullies ... No Disconnection from Sewers ... Other Faults .....	...	...	16 ...	
Water Supply	.....	.....	.....	17	
Pigsties	.....	.....	.....	...	
Poultry Improperly Kept	.....	.....	.....	5	
Offensive Trades	.....	.....	.....	...	
Smoke Nuisances.	.....	.....	.....	...	
Other Nuisances	.....	.....	.....	19	
Total.....	...	...	...	254	

	No.	Remarks.
<b>2—HOUSING OF THE WORK- ING CLASSES ACT, 1890.</b>		
Formal Notices served.....		
Dwellings dealt with.....		
Dwellings made habitable after formal notice		
Closing Orders applied for .....		
Closing Orders granted by Magistrates		
Dwellings permanently closed .....	8	
<b>3—FACTORY AND WORK- SHOP ACT, 1901.</b>		
Notices served, etc. .....		
<b>4—WATER, FOOD, AND DRUGS.</b>		
Samples of Water taken for Analysis		
Samples of Water condemned as unfit for use		
Seizures of Unwholesome Food ...		
Convictions for exposing or selling Unwholesome Food	1	Carcase Beef Tuberculous.
Samples of Food and Drugs taken for Analysis		
Samples of Food found Adulterated		
<b>5—PRECAUTIONS AGAINST INFECTIOUS DISEASE.</b>		
Lots of Infectious Bedding stoved or destroyed	36	
Houses disinfected after Infectious Disease	36	
Schools do. do. ...		
Prosecutions for exposure of Infected persons or things		
Convictions for do. do. ...		

Annual Report of Medical Officer of Health for 1905,  
 for the Urban District of Southwick-on-Wear,  
 on the administration of the Factory and Workshop  
 Act, 1901.

---

FACTORIES, WORKSHOPS, LAUNDRIES,  
 WORKPLACES, AND HOMEWORK.

---

1—INSPECTION.

Including Inspections made by Sanitary Inspector  
 or Inspector of Nuisances.

Premises.	Number of		
	Inspec- tions.	Written Notices.	Prose- cutions.
Factories (Including Factory Laundries) ...	35		
Workshops (Including Workshop Laundries)	60		
Workplaces ... ... ...	52		
Homeworkers' Premises ... ... ...	12		
Total ... ...	159		

## 2—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness ...	...	...		
Want of ventilation ...	...	...		
Overcrowding ...	...	...		
Want of drainage of floors ...	...	...		
Other nuisances ...	...	...		
Sanitary accommodations—				
Insufficient ...	...	...		
Unsuitable or defective ...	...	...		
Not separate for sexes ...	...	...		
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101) ...				
Breach of special sanitary requirements for bakehouses (SS. 97 to 100) ...	...	...		
Failure as regard lists of out-workers (S. 107) ...	...	...		
Giving out work to be done in premises which are	Unwholesome (S. 108)	Infected (S. 110)		
Allowing wearing apparel to be made in premises infected by scarlet fever or smallpox (S. 109) ...				
Other offences ...	...	...		
Total	...	...		

## 3—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories:	
Failure to affix Abstract of the Factory and Workshop Act (S. 133) ... ... ...	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Faactory Act (S.5) ... ... ...	Notified by H.M. Inspector... Reports (of action taken) sent to H.M. Inspectors...
Other ... ... ...	
Underground Bakehouses (S. 101) :—	
Certificates granted during the year ...	
In use at the end of the year ...	
Homework :—	Number of
<i>List of Outworkers</i> (S. 107) :—	Lists. Out-workers.
Lists received ... ... ...	
Addresses of outworkers { Forwarded to other Authorities	
Reeived from „ „	3
<i>Homework in unwholesome or infected premises</i> :—	Wearing Apparel; Other.
Notice prohibiting homework in unwholesome premises (S. 108) ...	
Cases of infectious disease notified in home-workers' premises ... ... ...	
Orders prohibiting homework in infected premises (S. 110) ... ... ...	
Workshops on the register (S. 131) at the end of the year ... ... ...	
Important classes of workshops, such as workshop bakehouses, may be enumerated here. {	45
Total number of Workshops on Register ...	45

TABLE V.  
SOUTHWICK-ON-WEAR URBAN DISTRICT.  
INFANTILE MORTALITY DURING THE YEAR 1905.  
*Deaths from stated Causes in Weeks and Months under One Year of Age.*

CAUSE OF DEATH.														Total Deaths under One Year.			
	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	
ALL CAUSES																	
Certified.....	18	5	4	3	30	14	3	10	5	5	5	4	5	6	2	5	94
Unecertified .....	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	2
Common Infectious Diseases																	
Small-pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Measles .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria: Croup .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Diarrhoea, all forms .....	...	...	1	...	1	...	1	2	1	1	3	3	2	1	1	1	17
Enteritis																	
(not Tuberculous)																	
Gastritis, Gastro-intestinal Catarrh																	
Premature Birth.....	8	1	1	1	10	1	1	1	1	1	1	1	1	2	1	1	11
Congenital Defects.....	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
Injury at Birth.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Want of Breast-milk .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atrophy, Debility, Marasmus	7	1	2	1	11	5	...	...	1	...	...	...	...	...	...	...	17
Tuberculous Diseases.																	
Tuberculous Meningitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Peritonitis: Tabes Mesenterica																	
Other Tuberculous Diseases																	1
Erysipelas .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis																	
(not Tuberculous)																	
Convulsions.....	2	3	...	...	5	3	1	3	1	1	1	2	1	1	1	1	17
Bronehitis .....	...	...	...	1	1	2	1	1	2	1	1	1	1	1	1	1	9
Laryngitis.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia .....	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	2
Suffocation, overlaying .....	...	...	...	1	2	1	...	...	...	...	...	2	...	...	...	...	5
Other Causes .....	1	...	...	1	2	1	...	...	...	...	...	2	...	...	...	...	5
	19	5	4	3	31	14	3	10	5	5	5	4	6	6	2	5	96

Births in the year:—legitimate, 550; illegitimate, 12.

Deaths from all Causes at all Ages, 275.

Population—estimated to middle of 1905—14,778.



CHART SHOWING THE NUMBER OF DEATHS FROM ALL CAUSES AND DEATHS FROM DIARRHOEA  
 AND ENTERITIS DURING EACH FORTNIGHT IN THE YEAR 1905.

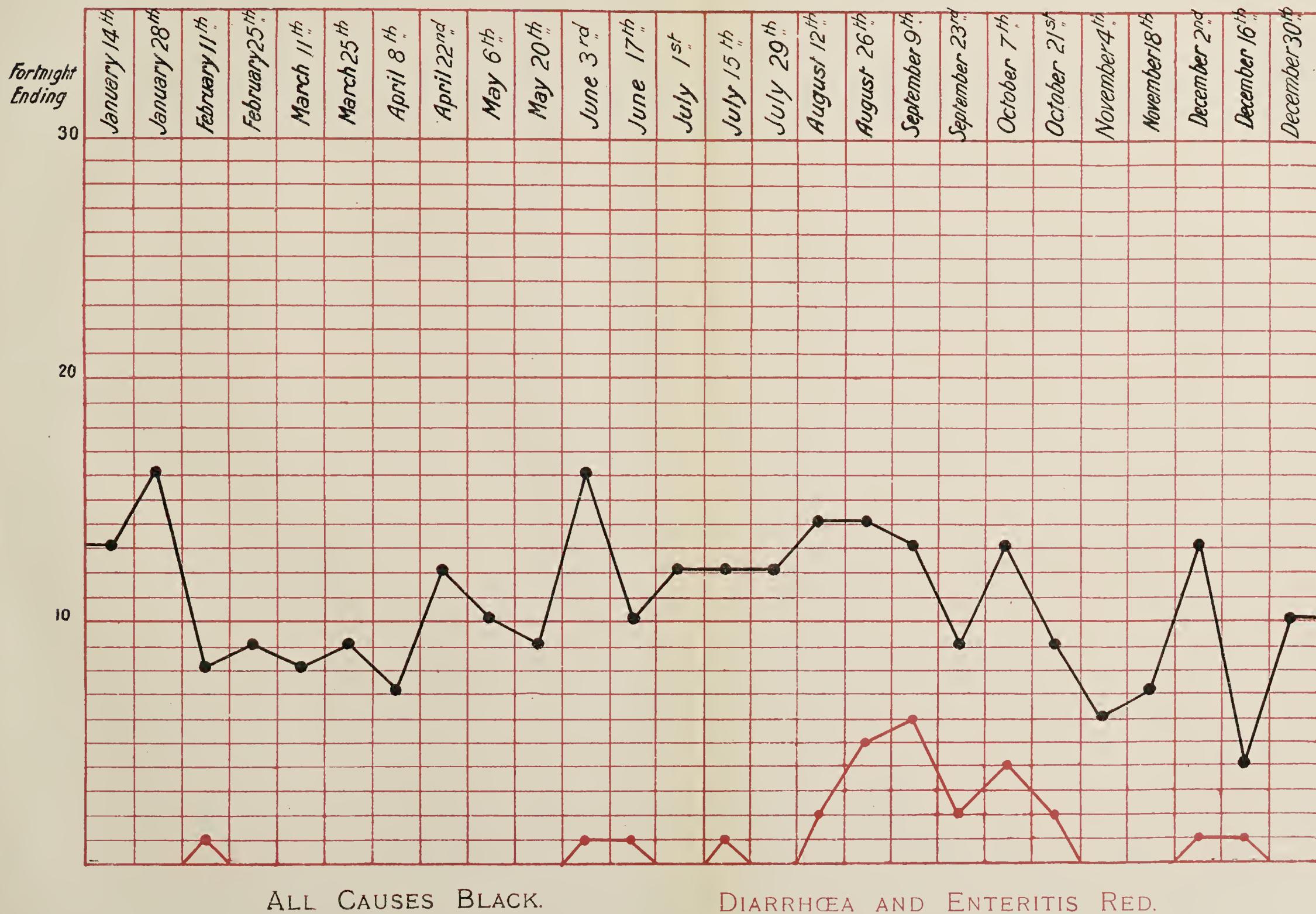




CHART SHOWING THE NUMBER OF CASES OF SCARLET FEVER, ENTERIC FEVER AND DIPHTHERIA,  
AND MEMBRANOUS CROUP NOTIFIED DURING EACH FORTNIGHT IN THE YEAR 1905.

